

*It is high time to understand: the basis of business is the game!*



# *Greenhouse business in Kazakhstan*

Shark business:

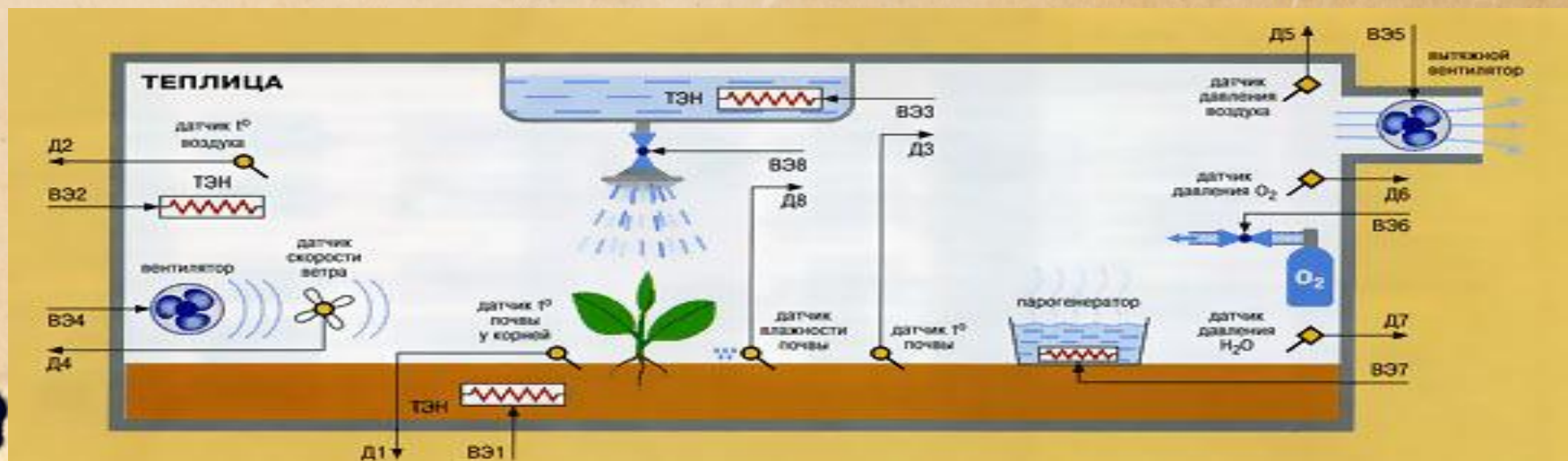
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The development of greenhouse business in Kazakhstan in the last ten years has experienced a great rise. The numbers speak for themselves. In 2008, according to JSC "KazAgroMarketing", there were 108 greenhouses with a total area of 58.6 hectares in the Republic. they produced 3.5 thousand tons of products. In 2016, according to the Committee on statistics of MNE used the area of greenhouses has reached 1061 ha. So, she grew up for ten years in 18 times. At the same time, the area of greenhouses in agricultural enterprises amounted to 2043 hectares, in farms – 477 hectares, in private farms-379 hectares. Mainly vegetables of protected soil are grown in greenhouses (25 hectares of greenhouse area was used for flowers). Vegetable production in 2016 amounted to 1594, 8 thousand tons, of which 294, 9 thousand tons were collected in agricultural enterprises, 819, 8 thousand tons-in farms, 480,1 thousand tons-in personal subsidiary farms.



# Automation of technological processes of greenhouses


- For greenhouses of Kazakhstan provide universal solutions for the automation of technological processes, regardless of the type of crops grown, technical equipment. The proposed solutions for greenhouses allow you to regulate the water supply, control the air and the climate in General.




# Examples of greenhouses of Kazakhstan

Just a month ago in Karaganda was a fully equipped greenhouse with a total area of 400 square meters on the technology of soilless cultivation of plants on a multi-tiered installations. This greenhouse will give out 30 kilograms of greenery per day. Let's note at once, all technology of cultivation Kazakhstan and patented. The uniqueness of the greenhouse is that the greens do not grow on the water, but on the water fog. The ground is also absent. Nutrients are supplied by the root system-directly to the plants. It is mandatory to use macro and microelements for feeding. A total of 400 square meters installed 30 installations. Thanks to multi-tiered technology, these 400 squares increase by 3-4 times and make up about 1200 square meters. According to experts, the product is environmentally friendly, there are research results.

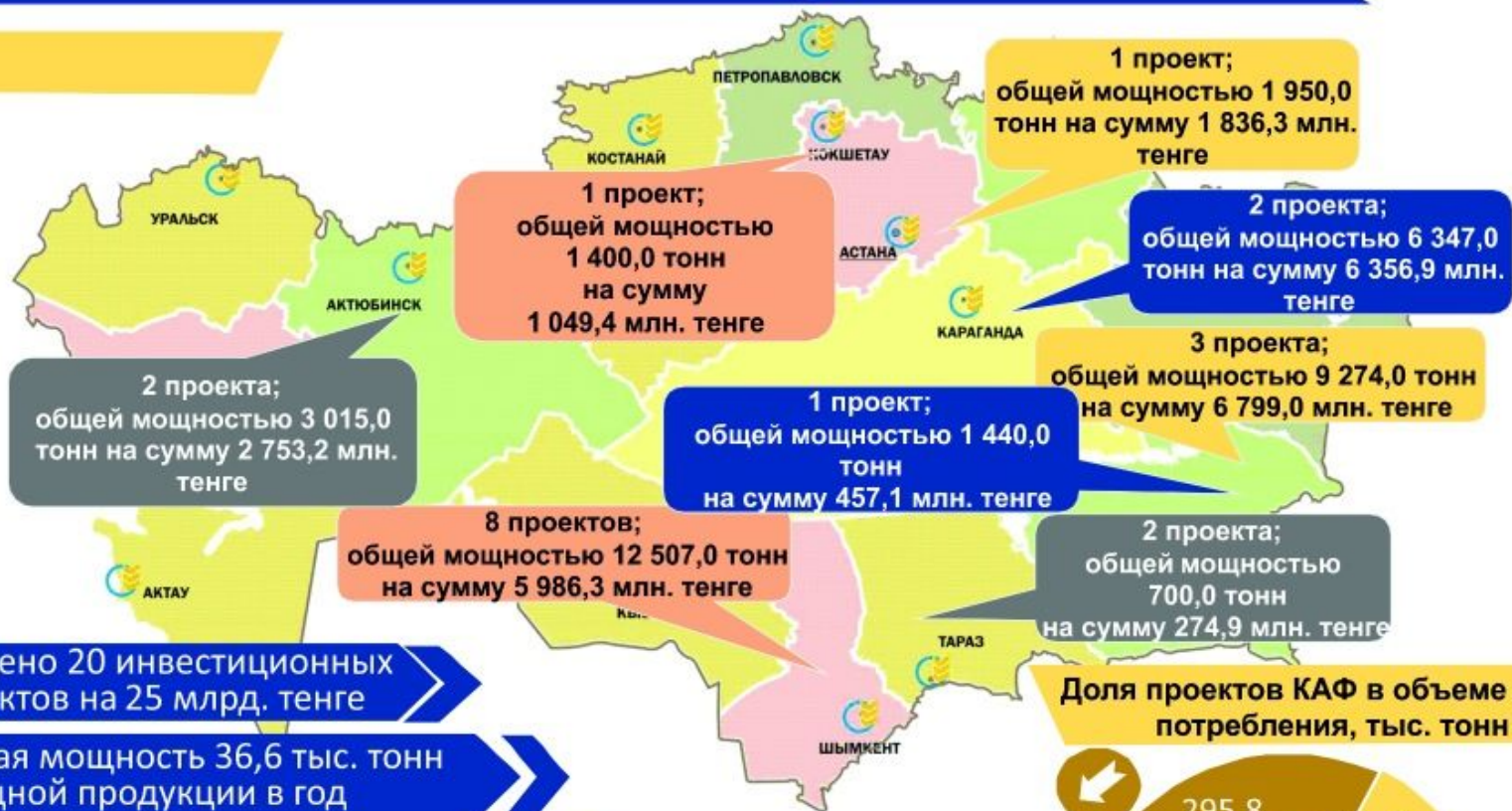




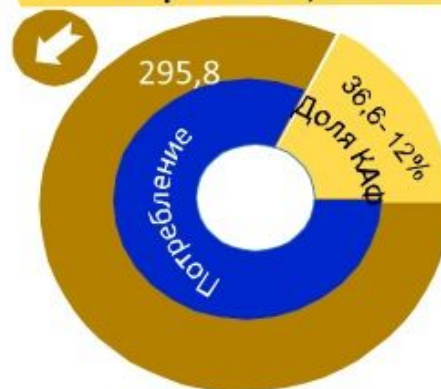
Also one of the projects is located near Kapchagai, where cucumbers and tomatoes are grown on 15 hectares. In Pavlodar grows tomatoes. We serve Topar greenhouses in Karaganda region, greenhouses in Shymkent. These are just a few examples. If we talk about some trends in the market, the determining factor is the change in prices, and these processes are more influenced by macroeconomics. KazAgroFinance provides substantial support on behalf of the state. But since 2014 there was a turning point, and the level of state support for the greenhouse sector began to decline. In our opinion, such a decision does not contribute to the development of the greenhouse market during the economic downturn. If this level had not decreased, given the market trends, it would have supported the stability of the greenhouse business... as an example, we can cite the actions of the Brazilian government, which decided to strengthen support for the greenhouse sector and allocated special subsidies for this purpose. As a result, the number of investments in agriculture has increased significantly.



Одним из основных инвестиционных направлений АО «КазАгроФинанс» является создание и развитие тепличных хозяйств



Доля проектов КАФ в объеме потребления, тыс. тонн



Введено 20 инвестиционных проектов на 25 млрд. тенге

Общая мощность 36,6 тыс. тонн овощной продукции в год

Общая площадь по Казахстану равна 74 га

200 тонн овощей в день в период межсезонья

7 декабря ввелась в эксплуатацию самая большая теплица в Казахстане ТОО «BRBAPK» на 12 га (неразделенной площадью)

# ТОП проектов АО «КазАгроФинанс» в рамках создания тепличных комплексов



**ТОО «BRB АРК»** - тепличный комплекс с общей площадью 12 га в индустриальной зоне города Алматы. Самая крупная теплица в Казахстане неразделимой площадью.

**КХ «Аделя»** - тепличный комплекс с общей площадью 16 га (11 и 5 га) в ЮКО. 70% выращенных помидоров и огурцов экспортируется в северные регионы Казахстана и в Россию.

**ТОО «Green Land Alatau»** - тепличный комплекс с общей площадью 10,4 га в г. Капчагай. Мощность – 6800 тонн: помидоры, огурцы, салатная продукция.

**ТОО «Green House - зеленый дом»** - теплица общей площадью 5,9 га в г.Текели. Мощность – 2474 тонн: овощи и цветы

**ТОО «Тепличные Технологии Казахстана»** - тепличный комплекс с общей площадью 3,5 га в Акмолинской области. Мощность – 1400 тонн огурцов

**ТОО «Казагроном»** - тепличный комплекс с общей площадью 3 га в ЮКО. Мощность – 1107 тонн огурцов

**ТОО «Ақтөбе-Жылыжай»** - тепличный комплекс с общей площадью 3 га в Актюбинской области. Мощность – 1515 тонн огурцов

**ТОО «Izet Greenhouse»** - тепличный комплекс с общей площадью 3,1 га в Актюбинской области. Мощность – 1500 тонн.



# Conclusion

In conclusion, it is worth noting that the greenhouse business has become an integral part for small and medium-sized businesses in Kazakhstan. The main initiative of the Republic of Kazakhstan is the creation of a “green bridge.” The initiative of the 6th Ministerial Conference on Environment and Development in the Asia-Pacific region, held in Astana, has a Strategy and a specific time frame - a ten-year process of implementing the Partnership Program. In accordance with it, the Strategic Development Plan of the Republic of Kazakhstan until 2020 has been developed. The program includes short-term, medium-term and long-term tasks ....